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Title: Notes of the Campus

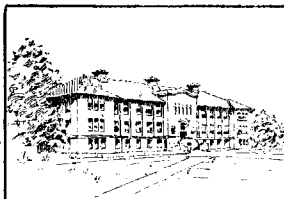
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NOTES OF THE CAMPUS

ARCHITECTS

On Wednesday evening, December 5, 1923, the Architect's Club had the pleasure of seeing a film entitled "Stucco" which is made for the Portland Cement Co. to show the different textures of stucco and how they are applied. Mr. Bille, who was the representative for this company, explained the chief characteristics of stucco, while he was showing the film. Stucco can be put on homes and public buildings in a variety of colors and textures, some of which are the spatter dash, stippled, and pebble dash. After the talk by Mr. Bille, everyone went into the senior drafting room, where Professors Baumer and Chubb gave an open criticism on the senior design problems, which was the "Decorations for a Cabaret." This was very beneficial to everybody, especially to the juniors and the sophomores who have just begun design.

The class in beginning design have turned out some problems this fall that have made the upper classmen open their eyes and get down to work in order not to be outdone by the beginners.

The representatives of the Department of Architecture on the Engineer's Council this year are Clifford E. Jones, '25, junior representative and Donald F. McMurchy, '24, senior representative.

Tau Beta Pi, the honorary engineering fraternity, selected Tom Rayburn, '23, and Wellington Nicola, '24, from the Department of Architecture as the two men with the highest scholastic standing for the past year among the Architects.

JAMES A. KALTENBRUN, '25.

CERAMICS

At the first meeting held October 9th, the clay workers turned out in a body to hear Professor Watts stress upon the importance of the Student Branch of the American Ceramic Society. He was followed by Mr. Purdy, secretary of the American Ceramic Society, who told of the benefits to be derived from joining the Society, which has a special low rate for students. The advisability of joining such organizations was further stressed by Professor Demorest, who made an appeal to the students to grasp the opportunities at hand. Everything thus far was conducted in a business-like manner, but now that the election of officers was at hand, each student was asked to introduce himself and give his home address. Following this little get-together plan the officers for the present year were elected.

At a meeting on November 6th, Prof. Harrop, who is the leading tunnel kiln designer of the country, gave a very interesting and valuable illustrative talk on the "Evolution of the Tunnel Kiln." The balance of the evening was spent in the enjoyable pastime of immersing sinkers in cider.

On Tuesday, December 11th, the Ceramics were honored by having the opportunity of hearing Gen. Edward Orton, Past Dean of the College of Engineering and founder of the Department of Ceramic Engineering at Ohio State, speak on the subject, "Some Problems in Clay Plant Appraisalment." General Orton has just com-

pleted an inventory on the appraisalment of the clay properties of the Dollings Company.

Mr. J. T. Robson, who is well versed in the art of throwing mud balls, understands base balls equally as well. As usual Mr. Robson is coaching the Ceramic indoor baseball team and therefore it is in the running for the trophy. On November 6th the Education College was so easily defeated that the Civils got cold feet and forfeited their game of November 21st. In the next issue of this magazine you will hear, let us hope, of the downfall of the Ags.

LEO. J. FRANZ, '25.

CHEMICALS

At the October meeting of the Columbus Section of the American Chemical Society, Prof. Charles W. Foulk gave an interesting talk on "Some Problems in the Industrial Use of Water." Professor Foulk is an authority on this subject, as he is not only Professor of Analytical Chemistry, but he is also directing the industrial water survey of Ohio for the State Geological Department. He discussed the corroding effect of water on iron and various other phases.

This subject was continued in the second meeting, when Prof. James R. Withrow addressed the society on "Certain Types of Corrosion." He mentioned the fact that over three and one-half billion dollars worth of metal is wasted yearly due to corrosion. Mr. R. B. Burr of the Logan Natural Gas & Fuel Co. presented some interesting facts in regard to the corrosion of pipe lines, thus showing one of the reasons for the high cost of natural gas.

Of great importance to freshman Chemicals is the announcement of a cup to be given to the freshman chemistry student who attains the highest standing of the year by Alpha Chi Sigma, the professional chemistry fraternity. This cup is known as the "Edward William Worley Cup," being named after Morley, who was a distinguished chemist, having gained international fame for his papers on chemistry and physics.

At the first meeting of the Student Chemical Society, Frederick H. McLaren was elected junior representative to the Engineer's Council. The program for the year was announced by Raymond S. Carter, president of the society. This society is open to all students of the society. This society is open to all students in chemistry, and freshmen are urged to attend. Prof. Charles W. Foulk spoke to the society Wednesday, October 24th, on "Three Problems and How I Solved Two of Them," relating some of his experiences as an analytical chemist.

Professor Edward Mack spoke to the society at its next meeting on his experiences during the Great War. The subject was "The Use of Chemicals in the Great War." This talk was particularly interesting, as the use and effect of gases and protection from them were thoroughly discussed by Professor Mack, who was in the Chemical Engineering Division of the U. S. Army during the war.

Members of the society enjoyed a dance at Pomerene Hall on Friday, December 9th.

EUGENE P. CETONE, '26.

CIVILS

A regular meeting of the Student Branch of the A. S. C. E. was held in Brown Hall on Tuesday, November 13th. After a short business meeting, the speaker of the evening, Mr. Weed of the Department of English, gave a talk on the Moffat Tunnel in Colorado. At present the distance from Denver to Salt Lake City is about 300 miles farther by railroad than it is by air line. The construction of this tunnel will shorten the distance by about 100 miles and eliminate numerous sharp curves and steep grades. Mr. Weed spent last summer in that part of the country and gave an interesting talk on the financial and engineering problems in connection with this project.

Mr. Ray, of the State Highway Department, was the speaker at the meeting of the A. S. C. E. Tuesday, November 27th. He explained how the materials used in highway construction are tested in the laboratory in the basement of Brown Hall. Samples from every car of cement and every car of oil, to be used in state and county work are tested in this laboratory. Last year over 7,000 samples were tested.

Tuesday, December 11th, the A. S. C. E. held a luncheon at the Ohio Union. The speaker was Mr. George Schlesinger, Chief Engineer of the State Highway Department. Mr. Schlesinger was formerly an instructor in the C. E. Department. The subject of his talk was "Some Economic Aspects of Highway Construction." He outlined the various economic factors that enter into highway location and construction. The entertainment was furnished by The Engineers' Club.

ELECTRICALS

The Student Branch of the A. I. E. E. has been fortunate in securing two excellent lecturers for the fall program. The first of these was Steven Q. Hayes, formerly of the A. I. E. E. Standardization Bureau, and now connected with Westinghouse as foreign representative in the Orient. His lecture on "Life and Engineering Conditions in Australia and Japan" was both interesting and instructive.

A conference of University Faculties drew Professor Karapetoff into this locality and with a little diplomacy he was persuaded to "sandwich in" a visit to the Student Branch. His absorbing lecture on "The Electron" was interspersed with a rare intensity of human interest and sincerity that marks him as one of the significant figures in present engineering circles. Just recently Professor Karapetoff has been awarded the Montefiore Foundation Prize of the University of Liege (Belgium) for his invention of a kinematic computing device for studying the performance of electrical machinery and transmission lines.

An interesting series of lectures is being planned for the winter quarter and all interested are urged to watch the bulletin board for announcements.

FRED HUNT, '25.

MECHANICALS

The Autumn Term is over and our inventory is complete. What was the gain during those twelve weeks of school, the first Quarter at Ohio State, for many students? They were weeks crowded with work and play, joy and sorrow. Their worth cannot be measured by "A's" alone, for to the new engineer they have meant a readjustment, the building of the foundation for his entire four years' work. He has made new friends, which is one of the greatest assets in college life and he has broken the ties of home. He has learned to stand on his own feet.

The sophomores have been duly initiated to — and

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know how to get Π by calculus. They no longer linger on the steps of the Physics Building while classes pass, quite at ease with "only" an English class to worry about during the next hour. The Physics Building has a new meaning now for it houses the workshop of the Physics Department.

Those who aspire to be seniors next year have tasted coal gas in Lord Hall and have found unheard of "Moments of Inertia" for Jimmy Boyd. However, the most important event has been their debut in Robinson Laboratory, the home of the Mechanicals. Yes, juniors, it is our home for the next five quarters, so let's hope that the new Kerr Turbine will be in operation before we leave. Sorry not to meet "Old Faithful."

What have the seniors accomplished during the last twelve weeks? We can't print what their Profs told us and they are all too busy on their Theses to talk about the past now, since they all passed anyway. Ask the seniors who brought the college championship in Intramural Soccer to Robinson Lab.

There is plenty of room in the trophy case for more cups and evidently Connie Traut has taken this to heart the way he is directing the Mechanicals in athletics. Every man on the soccer team was a star, so we give our thanks to Andy Johnson, Dovalosky, Blank, Harrison, Hammond, Dunbar, Suffriti and each of the men who helped bring back the cup.

Last year the bowling championship came to Robinson Lab. and the chances are good that it will stay with the Mechanicals another year.

The Student Branch of the A. S. M. E. has been privileged to hear a number of very interesting lectures at the Friday afternoon meetings. Of most importance was the visit of Mr. Calvin W. Rice, the National Secretary of the A. S. M. E. His talk on South American conditions gave us new ideas concerning our neighbors to the south, but left us very satisfied with schools in Ohio.

The slides which Mr. Hayes of the Westinghouse Electric and Mfg. Co. brought from Japan gave us a new vision of the Land of Cherry Blossoms, where he spent many months as the representative of his company.

After hearing so much about Professor Karapetoff of Cornell University, we were very anxious to hear him speak on the subject of "The Electron." Now we hardly know whether to be thankful that his "six subjects for consideration" are not yet included in undergraduate study or whether to decide that after all we will become street car conductors in place of engineers.

Professor Magruder represented the Student Branch of the A. S. M. E. at the National Convention in New York the first week of December as well as the Columbus Section.

All in all it has been quite a worth while term hasn't it Mechanicals? Now we hope that you had a very happy Christmas and have come back with lots of pep for the new Quarter. Let's GO.

O. W. BARD, '25.

METALLURGY

At the meeting of November 22d, Dean Hitchcock gave a talk on "Personality." He illustrated by the careers of some of the grads of the various departments. In most every instance he said the success of the man was due first of all to the man's personality. Professor Demorest then made a few remarks along the same line and also announced that the students must either give an oral report before the Society or hand in a written report of their summer's work to receive credit. The few meetings should be very interesting, as juniors have probably had some queer experiences last summer.